


<b>INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR § 1.97(d)</b>  Address to: Mail Stop AF Commissioner for Patents P.O. Box 1450	Attorney Docket	STAN-084 ✓
	First Named Inventor	HSUEH, AARON, J.W.
	Application Number	09/647,067 ✓
	Filing Date	September 25, 2000
	Group Art Unit	1647
	Examiner Name	BUNNER, BRIDGET E.
Title:		<i>"NOVEL MAMMALIAN G-PROTEIN COUPLED RECEPTORS HAVING EXTRACELLULAR LEUCINE RICH REPEAT REGIONS"</i>

Sir:

This is an Information Disclosure Statement submitted for the Examiner's consideration. This is being filed after a Final Action under 37 C.F.R. §1.113 or a Notice of Allowance under 37 C.F.R. §1.311, whichever occurs first, but before, or simultaneously with, the payment of the issue fee.

A Form SB08 (substitute for form 1449) listing the references accompanies this paper. Applicants would appreciate the Examiner initialing and returning the form to indicate that the references have been reviewed and made of record.

This Information Disclosure Statement is not intended as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that any one of the above references constitutes prior art to the present application within the meaning of 35 U.S.C. §102.

In accordance with the requirements of 37 C.F.R. §1.97(d) accompanying this paper is a certification as specified in 37 C.F.R. §1.97(e). Applicant(s) hereby petition for the consideration of this Information Disclosure Statement.

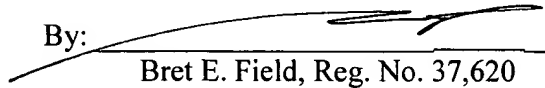
**Statement(s) under 37 CFR § 1.97(e):**

- ☒ (1) That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement; or
- ☐ (2) That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of the information disclosure statement.

The \$180.00 fee set forth in 37 C.F.R. §1.17(p) to cover the petition accompanies this disclosure statement. The Office is hereby authorized to charge any additional fees which may be required by this paper or any fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21, or to credit any overpayment, to our Deposit Account No. 50-0815, Order No. STAN-084 may be charged thereon.

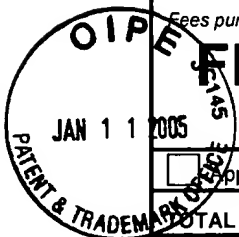
Respectfully submitted,  
BOZICEVIC, FIELD & FRANCIS LLP

Date: 1. 10. 05

By:   
Bret E. Field, Reg. No. 37,620

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Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

**FREE TRANSMITTAL****For FY 2005**☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT (\$)** 180.00**Complete if Known**

Application Number	09/647,067
Filing Date	September 25, 2000
First Named Inventor	HSUEH, AARON, J.W.
Examiner Name	BUNNER, BRIDGET E.
Art Unit	1647
Attorney Docket No.	STAN-084

**METHOD OF PAYMENT (check all that apply)**

- ☐ Check ☒ **Credit Card** ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_
- ☒ Deposit Account Deposit Account Number: **50-0815** Deposit Account Name: **Bozicevic, Field and Francis LLP**  
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)
- ☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee
- ☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

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**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	<u>Small Entity</u> Fee (\$)	Fee (\$)	<u>Small Entity</u> Fee (\$)	Fee (\$)	<u>Small Entity</u> Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**

Fee Description	Fee (\$)	<u>Small Entity</u> Fee (\$)
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent	50	25
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent	200	100
Multiple dependent claims	360	180

<u>Total Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>	<u>Multiple Dependent Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
- 20 or HP = _____	x _____	= _____		<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>	
HP = highest number of total claims paid for, if greater than 20						
<u>Indep. Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>			
- 3 or HP = _____	x _____	= _____				
HP = highest number of independent claims paid for, if greater than 3						

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

<u>Total Sheets</u>	<u>Extra Sheets</u>	<u>Number of each additional 50 or fraction thereof</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
- 100 = _____	/ 50 = _____	(round up to a whole number) x _____	= _____	

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Other: Submission of Information Disclosure Statement**Fee Paid (\$)**

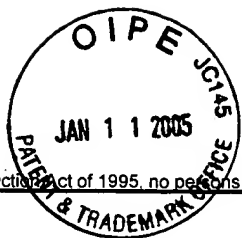
180.00

**SUBMITTED BY**

Signature		Registration No. (Attorney/Agent) <b>37,620</b>	Telephone <b>(650) 327-3400</b>
Name (Print Type)	<b>BRET E. FIELD</b>	Date <b>01/10/2005</b>	

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>		Application Number	09/647,067
		Filing Date	September 25, 2000
		First Named Inventor	HSUEH, AARON, J.W.
		Art Unit	1647
		Examiner Name	Unassigned
Sheet 1 of 1	Attorney Docket Number	STAN-084	

U.S. PATENT DOCUMENTS					
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 5,614,363	03-25-1997	Cone	

FOREIGN PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
		EP 0 881 289	12-2-1998	Smithkline Beecham		
		WO 99/15545	04-01-1999	Merck		

NON PATENT LITERATURE DOCUMENTS			
Exam iner Initial	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Database Embl. 'Online! 4 December 1997 "z113h07.s1 Soares Fetal Liver Spleen INFLS S1 Homo sapiens cDNA Clone 430717 3' Similar to SW:SLIT-DROME P24014 SLIT PROTEIN PRECURSOR" XP002306452, Retrieved from EBI accession no. EM-PRO:AA678095 Database Accession No. AA678095 * Abstract*	
		Database Embl. 'Online! 21 March 1995 "yc54f09.r1 Stratagene Liver (#937224) Homo sapiens cDNA Clone Image:84521 5', mRNA Sequence," XP002306453, retrieved from EVI accession no. EM_PRO:HS95746, Database accession no. T73957	
		NOTHACKER et al. "Molecular Cloning of A Novel, Putative G Protein-Coupled Receptor From Sea Anemones Structurally Related to Members of the FSH, TSH, LH/CG Receptor Family From Mammals" (1993) Biochemical and Biophysical Research Communications, Academic Press Inc. 197(3): 1062- 1069	
		HAUSER et al. "Molecular Cloning Genomic Organization and Developmental Regulation of a Novel Receptor from Drosophila Melanogaster Structurally Related to Members of the Thyroid-Stimulating Hormone, Follicle-Stimulating Hormone, Luteinizing Hormone/Choriogonadotropin Receptor Family From Mammals" (1997) Journal of Biological Chemistry, 272(2):1002-1010	
		PERKINS et al. "Xfinger: A Tool for Searching and Visualizing Protein Fingerprints and Patterns" (1996) Computer Applications in the Biosciences, 12(2):89-94	
		HSU et al. "Characterization of 2 LGR Genes Homologous to Gonadotropin and Thyrotropin Receptors with Extracellular Leucine-Rich Repeats (LRR) and A 7-Transmembrane Regions," (1998) 9(Suppl) & 38 <sup>th</sup> Annual Meeting of the American Society for Cell Biology; San Francisco, California, December 12-16, 1998 ISSN:1059-1524 Abstract	

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered.  
Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: